

Converting Colors

Hex(6B0983)

Have a look what the booklet for
Hex(6B0983) contains.

Hex(6B0983)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6B0983)

Conversions

Conversions Part 1

Format	Color
Hex	6B0983
RGB	107, 9, 131
RGB Percent	42%, 4%, 51%
CMY	0.5804, 0.9647, 0.4863
CMYK	0.18, 0.93, 0.00, 0.49
HSL	288°, 87%, 27%
HSV	288°, 93%, 51%
XYZ	10.2578, 4.9599, 21.8894
YIQ	52.2100, 19.2460, 58.7180

Conversions

Conversions Part 2

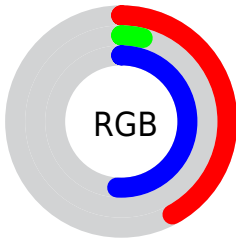
Format	Color
R_{YB}	107, 9, 131
Decimal	7014787
CIE _{Lab}	26.62, 54.35, -43.68
CIE _{LCh}	27, 69.724, 321.211
Yxy	4.9599, 0.2764, 0.1337
Android (android.graphics.Color)	4285204867 (0xFF6B0983)
YUV	52.2100, 38.8435, 48.0508
Hunter-Lab	22.2708, 43.2426, -42.6853

Details

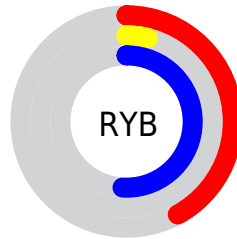
The Hex color **6B0983** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **218309**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **A247B9**, and **360051** is the 20% darker color. If you saturate the color by 10%, you get **690083**, and if you desaturate by 10%, it is **6E1683**.

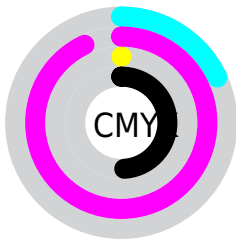
Distribution



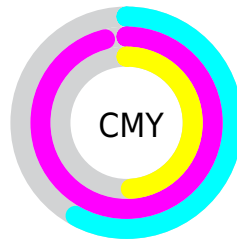
- Red (42%)
- Green (4%)
- Blue (51%)



- Red (42%)
- Yellow (4%)
- Blue (51%)



- Cyan (18%)
- Magenta (93%)
- Yellow (0%)
- Black (49%)



- Cyan (58%)
- Magenta (96%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B0983 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6B0983 by changing the saturation by 10% instead.

 6B0983

 6B0983

FFFFFF

 500069

 A247B9

 360051

 BE62D5

 1E0039

 DB7DF1

 000222

 F998FF

 000008

 FFB4FF

 000000

 FFD0FF

 FFEDFF

 6B0983

 6B0983

■ 690083

■ 6E1683

■ 702383

■ 733083

■ 753D83

■ 784A83

■ 7A5883

■ 7D6583

■ 807283

■ 827F83

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0039A5



6B0983



900051

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6B0983



5B3800



005365

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6B0983



218309

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00512D



6B0983



294700

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6B0983



7F1300



004E00



005293

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6B0983



96002E



004E00



005352

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6B0983



A17BAB



092183



513957



D6D6D6



575757

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6B0983



8900AB



83095E



413C42



680082



020003

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



830921



AB0022



09832E



423C3D



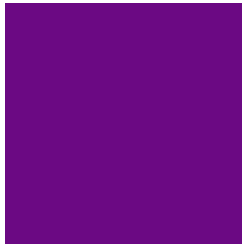
82001A



030001

Previews

White Background



This preview shows how the Hex color 6B0983 looks on a white background.

Color Contrast Check

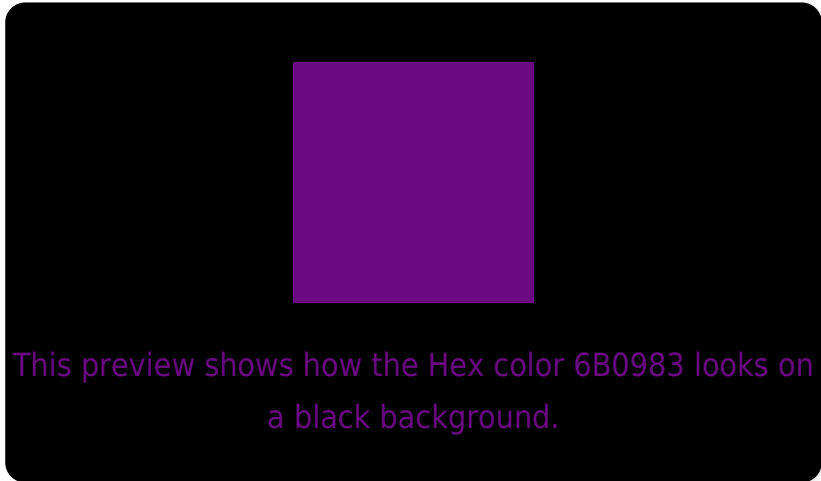
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

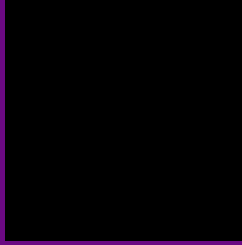
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6B0983 Background



This preview shows how black text looks on a background with the Hex color 6B0983.



This preview shows how white text looks on a background with the Hex color 6B0983.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
6B0983

Protanopia
003F85

Deuteranopia
004375



Tritanopia
603437

Trichromacy



Original Color
6B0983



Protanomaly
272B84



Deuteranomaly
272E7A



Tritanomaly
642453

Monochromacy



Original Color
6B0983



Achromatopsia
343434



Achromatomaly
482451

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B0983 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6B0983 looks like.

```
.text, #text, p{  
    color:#6B0983  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6B0983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0983
}
```

Border

The CSS property to change the border of an element to Hex 6B0983 is called "border". The border property can be set on classes, ids or directly on the HTML element.

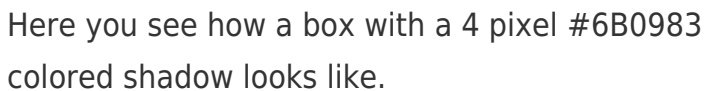
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B0983 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6B0983 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #6B0983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0983; -webkit-box-shadow:4px 4px  
4px 4px #6B0983; box-shadow:4px 4px 4px  
4px #6B0983 }
```

Background

The CSS property to change the background color of an element to Hex 6B0983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0983 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6B0983 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor